PROMASTER®

SystemPRO

300C Studio Flash

OWNER'S MANUAL

PRO
PHOTOGRAPHIC RESEARCH ORGANIZATION, INC.
FAIRFIELD, CT 06825

www.promaster.com

PROMASTER is a supplier of premium quality lenses, digital camera memory, batteries and accessories, binoculars, filters, digital and conventional electronic flashes, camera cases and tripods.

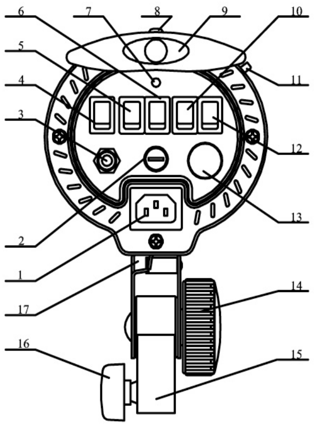
Safety Precautions

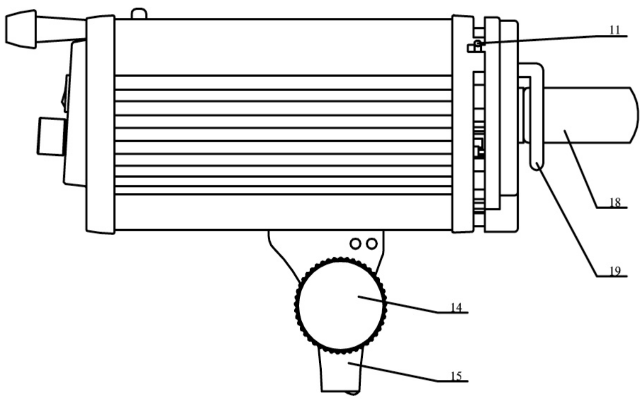
1. Before using the flash, make sure that your lighting equipment is plugged into a 110 volt AC power source. Do not use any power supply other than the AC specification indicated on your equipment.
2. Do not expose the equipment to sunlight, moisture, dust, dirt, rain or water.
3. Any exposure to chemical solutions, gasoline, grease, oil, paint, or detergents can result in permanent damage to your equipment.
4. Do not insert any metal objects into your lighting equipment.
5. Do not touch or handle equipment with wet hands or allow your equipment to be in contact with water.
6. Do not keep the power on when the light is not in use.
7. Do not attempt to repair your lighting equipment yourself. If a problem arises, contact the store from which you purchased the light.
8. If the audible flash ready signal buzzes for a long period of time or there is no response from your flash, please disconnect your flash from the power supply and reconnect.

Specifications:

Power Supply:	AC100－130volt 50/60Hz
Strobe output:	300WS
Guide No. (ISO100):	54m
Cooling Fan:	Built-in Mini Fan Cooler
Power Setting:	1/32 to 1/1 continuously
Recycle Time:	0.5–2.5s
Flash Duration:	1/1500–1/800s
Recycle Indication:	Ready Light & Audio Signal & Modeling Lamp
Flash Beam Width:	Over 55 Degree
Slave Sensitivity:	Over 33ft. Radius,360 Degree
Modeling Lamp:	Diffused Halogen Quartz 150W/E27
Color Temperature:	5600K
Synch Cord Voltage:	6VDC
Triggering:	Synch Cord, Test Button & Slave Sensor
Fuse:	10A
Housing Size:	136mm×127mm×320mm
Body Weight:	2.2kg

Light Body & Rear Control Panel





(1) AC Power Supply Socket
(2) Safety Fuse
(3) Synch Cord Socket
(4) General power supply on/off switch
(5) Modeling Lamp on/off switch
(6) Power setting for modeling lamp on/off switch
(7) Recharge Ready-Light
(8) Slave Sensor
(9) Handle Grip
(10) Audio signal for recharge ready on/off switch
(11) Lock/Release Bolt for reflector & softbox connector
(12) Test button
(13) Output Power Setting for flash/ modeling lamp
(14) Hand Wheel for angle adjustment
(15) Stand Mount
(16) Stand Mount Bolt
(17) Umbrella Holder
(18) Modeling Lamp
(19) Replaceable Flash Tube

Directions for use

1. Turn on the Light
   Turn on the power supply by pressing down the power button (4). The recharge ready light (7) will turn red light when the flash has been fully charged.
2. Test Flash
   Press the test button (12) to make sure the flash is working.
3. Slave Sensor
   You can use the built-in slave sensor to trigger the light.

4. Synch Cord
   Link the studio flash to your camera with a synch cord to trigger the light. You may also use the built-in slave sensor to trigger your flash.
5. Audio Signal
   Setting the audio signal button (10) to the ON (I) position will activate an audio signal to remind you when the flash has been fully recharged. Set the button to the OFF (O) position will disable the audible signal.
6. Modeling Lamp
   To turn the lamp off, set the switch (5) to “0”. When set to "=", the modeling lamp is on at full power. When set to the "-" position, the modeling lamp varies in brightness as you turn the output control button (13). Press the DIM switch (6) to the "I" position and the modeling lamp will turn itself off when the flash is fired and then will turn on automatically when the flash is fully charged.
7. Adjust Output Power for Flash
   Use the flash power adjustment knob (13) for the desired exposure. The power level can be set continuously from 1/32 to full power.
8. Attaching the Reflector
   The reflector has 3 pins around the perimeter of its base. Line these pins up with the corresponding notches in the flash head front collar. Rotate the reflector clockwise until it locks into position To remove the reflector, push the locking lever on the top of the flash head and rotate the reflector counter clockwise, then pull it way from the flash head.
9. Replacing flash tube
   Wear gloves whenever removing the flash or modeling lamp. When replacing the flash tube, first remove the modeling lamp, then insert the flash tube. **DO NOT TOUCH the anode OR cathode of the flash tube.**

Package includes:

Description	**QTY**
PROMASTER SystemPRO 300C Flash	1
15' Power Cable	1
15' Synch Cord	1
7" Standard Reflector	1
150W Modeling Lamp	1
Protective Cover	1
Owner’s Manual	1